

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listing of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently amended) A device for measuring electrocardiogram with tapeless format comprising:

a shell being shaped as a thin and long cube and having

a top surface having

a left side;

a right side;

a right upper finger touching area located on the right side of the top surface;

a left upper finger touching area located on the left side of the top surface and being parallel with the right upper finger touching area;

a bottom surface being opposite to the top surface having;

a left side;

a right side;

a right lower finger touching area located on the right side of the bottom surface; and

a left lower finger touching area located on the left side of the bottom surface and being parallel with the right lower finger touching area;

a front edge vertically formed between the top and bottom surfaces;

a right edge vertically formed between the top and bottom surfaces;

a left edge vertically formed between the top and bottom surfaces;
and

a rear edge vertically formed between the top and bottom surfaces;

a right finger gelless electrode with a thin foil shape having

a right upper gelless electrode portion embedded in the right upper finger touching area of the top surface and being distant from the right, left and rear edges;

a right lower gelless electrode portion formed on the right lower finger touching area of the lower surface and being distant from the right, left and rear edges; and

a right middle gelless electrode portion formed on the front edge and connected between the right upper and lower gelless electrodes and being distant from the right and left edges;

a left finger gelless electrode with a thin foil shape having

a left upper electrode portion embedded in the left upper finger touching area of the top surface and being distant from the right, left and rear edges;

a left lower electrode portion formed on the left lower finger touching area of the lower surface and being distant from the right, left and rear edges; and

a left middle electrode portion formed on the front edge and connected between the left upper and lower electrodes and being distant from the right and left edges;

at least one information display located on the top surface to display a plurality of measured values; and

a calculation system mounted in the shell and connected to the two gelless electrodes and the information display for calculating relative electrical information measured from the gelless electrodes and display results on the information display.

Claim 2 (previously presented) The device for measuring an electrocardiogram with tapeless format as recited in claim 1, wherein the operating panel has at least one button to set and transfer functions.

Claim 3 (cancelled).

Claim 4 (previously presented) The device for measuring an electrocardiogram with tapeless format as recited in claim 1, wherein each of the gelless electrodes is made of any conductive metal or rubber.

Claim 5 (previously presented) The device for measuring an electrocardiogram with tapeless format as recited in claim 1, wherein information values shown on the information display include at least values of ST segment, QRS interval and heart-beat rate.

Claim 6 (previously presented) The device for measuring an electrocardiogram with tapeless format as recited in claim 1, wherein the calculation system further comprises:

- a pre-signal amplify circuit;
- an electrocardio signal amplify/filter circuit;
- an analog/digital transfer circuit; and
- a CPU;

wherein the pre-signal amplify circuit is connected to the gelless electrodes to receive relative electrical data, and the calculation system continuously displays results on the information display after calculating the electrical data by means of the electrocardio signal amplify/filter circuit and the analog/digital transfer circuit and the CPU.

Claims 7 - 22 (cancelled).